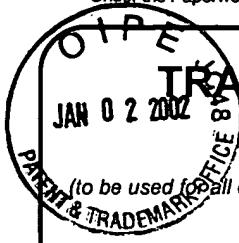


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Total Number of Pages in This Submission

Application Number	09/894,862
Filing Date	June 27, 2001
First Named Inventor	Lee, Michael
Group Art Unit	2123
Examiner Name	Unassigned
Attorney Docket Number	Group 2100 020174-005400US

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Group 2100

ENCLOSURES (check all that apply)

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Chun-Pok Leung	Reg. No. 41,405
Signature		
Date	11-8-01	

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TOWNSEND and TOWNSEND and CREW LLP

By: Andrea J.

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Attorney Docket No.: 020174-005400US

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Group 2100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael Lee et al.

Application No.: 09/894,862

Filed: June 27, 2001

For: A COMPUTER AIDED DESIGN
METHOD AND SYSTEM FOR
DEVELOPING A MICROFLUIDIC
SYSTEM

Examiner: Unassigned

Art Unit: 2123

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Chun-Pok Leung
Reg. No. 41,405

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
RL:asb

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of

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Application Number	09/894,862
Filing Date	June 27, 2001
First Named Inventor	Lee, Michael
Group Art Unit	2123
Examiner Name	Unassigned
Attorney Docket Number	020174-005400US Group 2100

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AA	4,965,743			Malin, et al.	10/23/1990	
AB	4,797,842			Nackman, et al.	01/10/1989	
AC	5,487,003			Iwasawa, et al.	01/23/1996	
AD	5,574,893			Southgate, et al.	11/12/1996	
AE	5,812,394			Lewis, et al.	09/22/1998	
AF	6,056,428			Devoino, et al.	05/02/2000	
AG	6,149,870			Parce, et al.	11/21/2000	
AH	6,182,020 B1			Brent Alan Fairbanks	01/30/2001	
AI	6,235,175 B1			Dubrow, et al.	05/22/2001	
AJ	6,274,337 B1			Parce, et al.	08/14/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Application Number	09/894,862
Filing Date	June 27, 2001
First Named Inventor	Lee, Michael
Group Art Unit	2123
Examiner Name	Unassigned
Attorney Docket Number	020174-005400US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AK	Chou, Hou-Pu, et al., "Microfabricated Devices for Sizing DNA and Sorting Cells," <i>Micro- and Nanofabricated Structures and Devices for Biomedical Environmental Applications</i> , (1998) Vol. 3258:pp 187-7.	
	AL	Chou, Hou-Pu, et al. "Disposable Microdevices for DNA Analysis and Cell Sorting," <i>Proc. Solid-State Sensor and Actuator Workshop</i> , (June 1998) pp:11-14.	
	AM	Chou, Hou-Pu, et al., "A Microfabricated Device for Sizing and Sorting DNA Molecules," <i>Proc. Natl. Acad. Sci. USA</i> , (Jan. 1999) Vol. 96:pp 11-13.	
	AN	Chou, Hou-Pu, et al., "Integrated Elastomer Fluidic Lab-on-a-Chip-Surface Patterning and DNA Diagnostics," <i>Departments of Electrical Engineering and Applied Physics, Caltech, Pasadena, California 91125, USA</i>	
	AO	Fu, Anne Y., et al., "A Microfabricated Fluorescence-Activated Cell Sorter," <i>Nature Biotechnology</i> , (Nov. 1999) Vol. 17:pp 1109-1111.	
	AP	Quake, Stephen R., et al., "From Micro- to Nanofabrication with Soft Materials," <i>Science</i> (Nov. 2000) Vol. 290:pp 1536-1540.	
	AQ	Thorsen, Todd, et al., "Dynamic Pattern Formation in a Vesicle-Generating Microfluidic Device," <i>Physical Letters Review</i> (April 2001) Vol. 86, No. (18):pp 4163-4166.	
	AR	Unger, Marc A., et al., "Monolithic Microfabricated valves and Pumps by Multilayer Soft Lithography," <i>Science</i> (April 2000) Vol. 288:pp 113-116.	
	AS	Weigl, Bernhard H., "Microfluidics-Based Lab-on-a-Chip Systems," www.devicelink.com/archive/00/11/008.h	

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